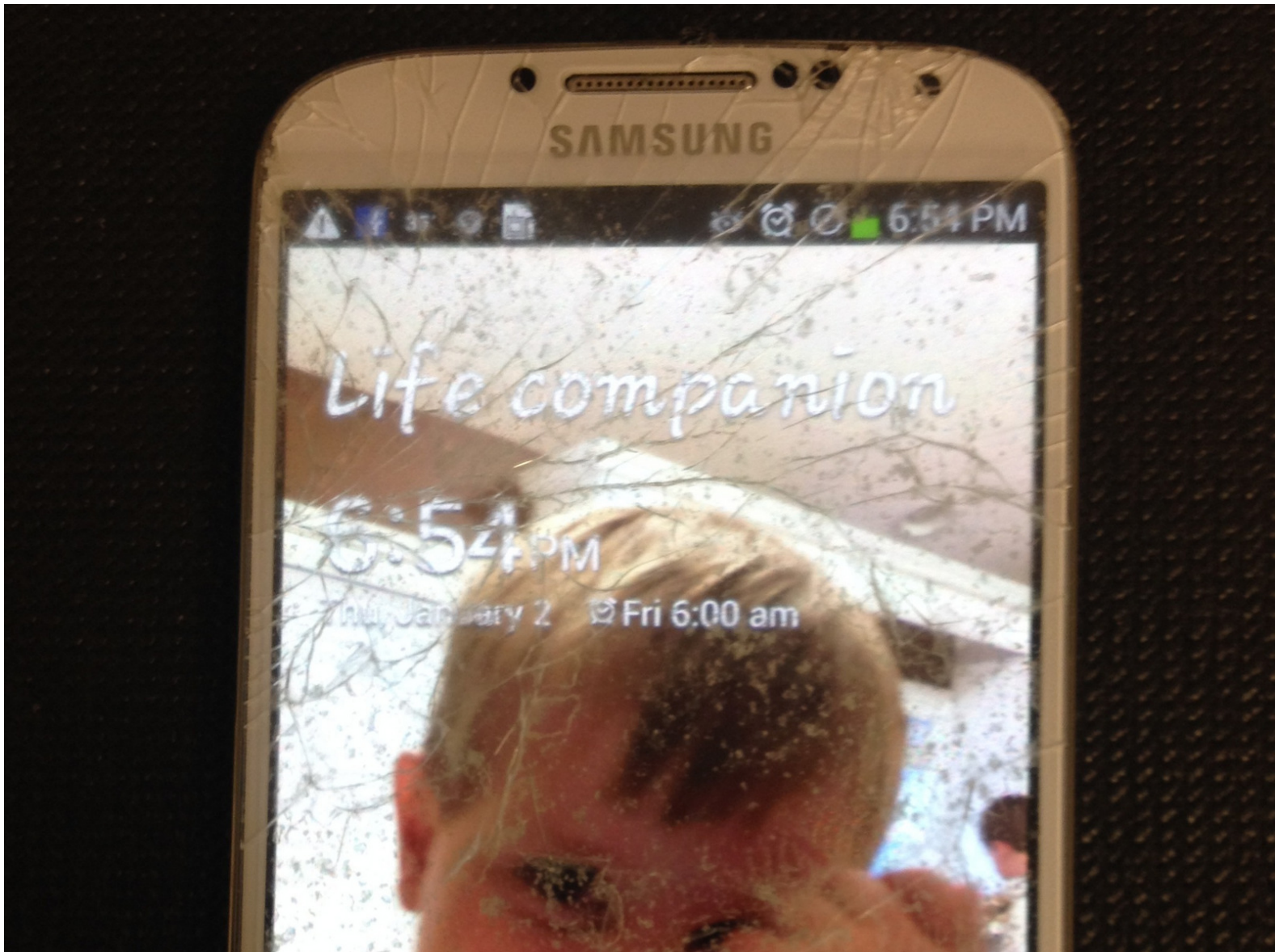




Samsung Galaxy S4 Gorilla glass replacement Replacement

Repairing Samsung Galaxy S4 how to repair cracked shattered gorilla glass

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INTRODUCTION

Changing a full LCD module is expensive, here I explain step by step how to replace only the glass. That way you can salvage the LCD and remove only the broken glass and separate it from the LCD

[video: <https://www.youtube.com/watch?v=wCeovSVweGU>]

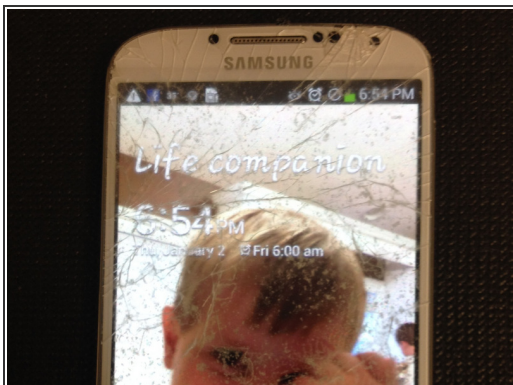
enjoy



TOOLS:

- [Heat Gun](#) (1)
 - [IR Thermometer](#) (1)
-

Step 1 — if you lcd still works like this example you can continue



- If your LCD and everything else works fine and your phone look like this picture, you can change the glass

Step 2 — get a heatgun with knob



- not all the heatgun are the same, get on with variable temperature

Step 3 — get a infrared thermometer like this one



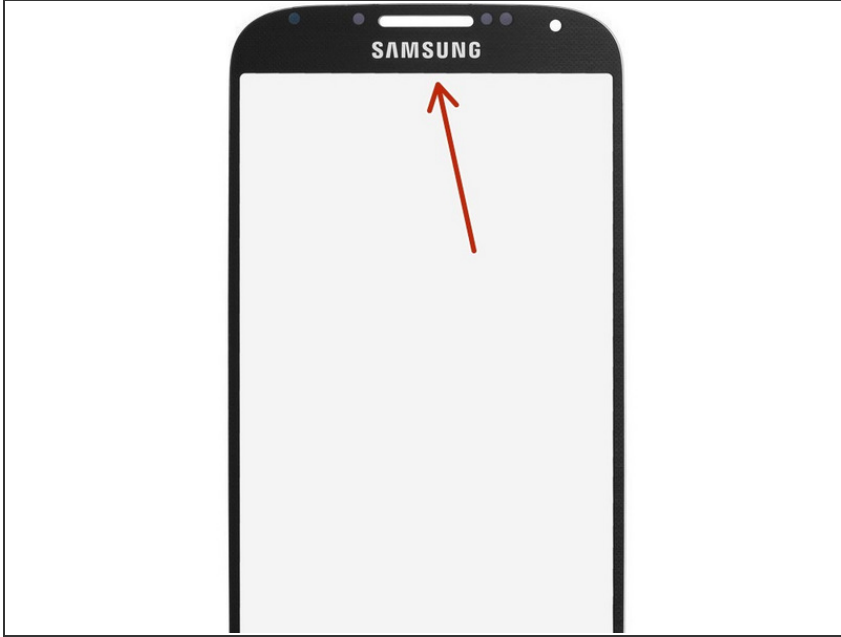
- in ebay you can get one for 10\$

Step 4 — uv glue to glue the lcd with the gorilla glass



- not all the glues are the same. Get XFACTOR or Octopus brand are good.
- if you get something like you see in the picture make sure the caps are green and not blue, Those chinese brands sometimes can be crappy, the red tube with blue caps is the crappiest

Step 5 — replacement gorilla glass



- most of the replacement on ebay are fine, make sure it has the brand on it. There are some they are blank.

Step 6



- get a great game cards in order to be able to separate the LCD from the broken glass.
- dont be cheap ;-) buy the best quality you can get

Step 7 — victorinox cybertool has all tools you need to take it apart



- it has nice blades to help you to separate the lcd from the broken glass. It has all the tips needed in order to remove all the screws and other parts

Step 8



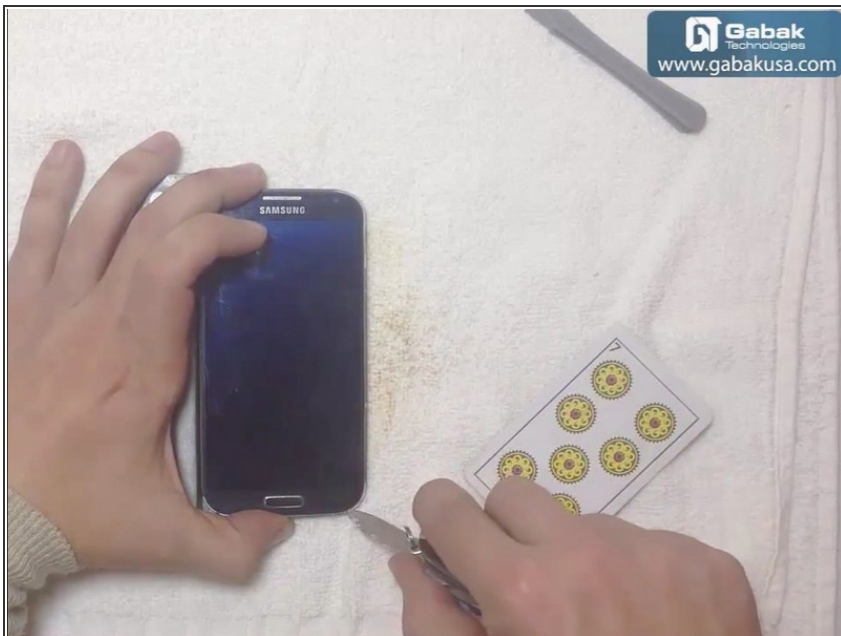
- [you can follow the video i made here.](#)
- just start moving the heatgun shooting heat all over the glass quickly and dont let it be over 100 degrees celsius or you will damage the LCD and it will turn gold, if that happen you will have to change the whole LCD module

Step 9



- a peak of 105 degrees is fine but keep it moving fast the gun so the heat will spread even in the whole LCD

Step 10



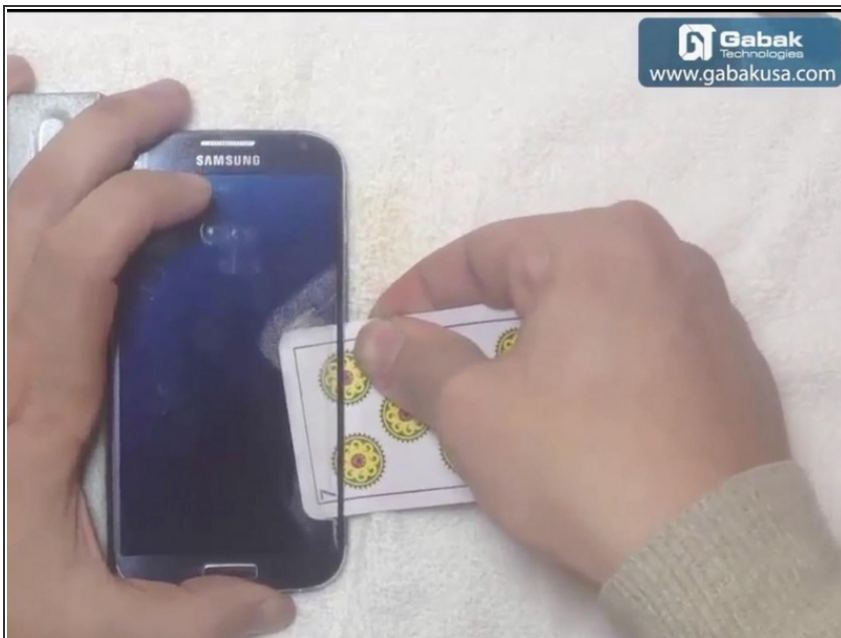
- start with the blade from the lower corner, with the blade slowly
- i got all my videos in my youtube channel GabakUSA if you want to see the whole video.
<https://www.youtube.com/watch?v=wCe0VSVw...>

Step 11 — inserting the card in the little gap you make with the blade



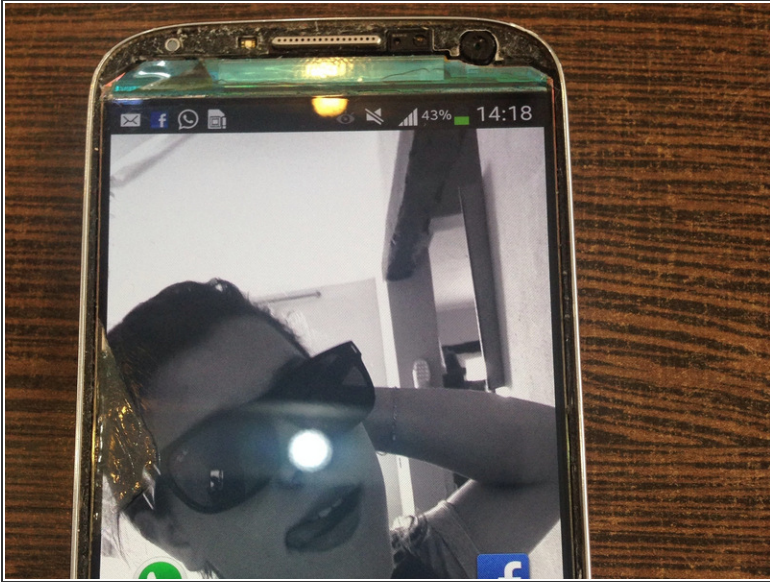
- lift the glass with the blade and put the card

Step 12 — keep temp at 100 and insert card



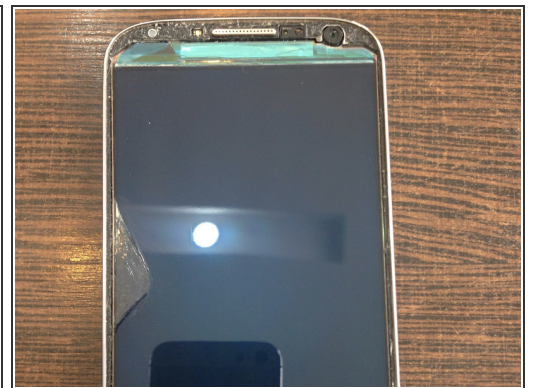
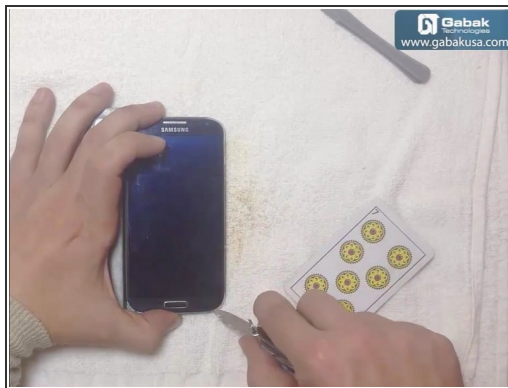
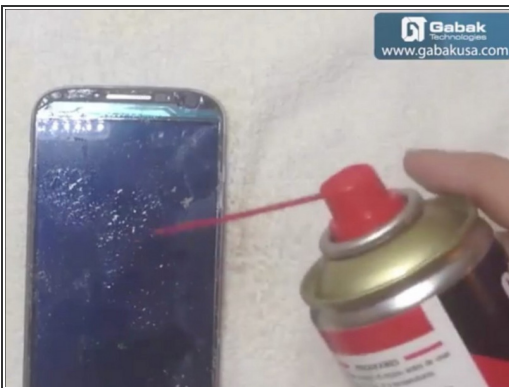
- do it slowing and keep applying heat

Step 13 — be careful with the flex



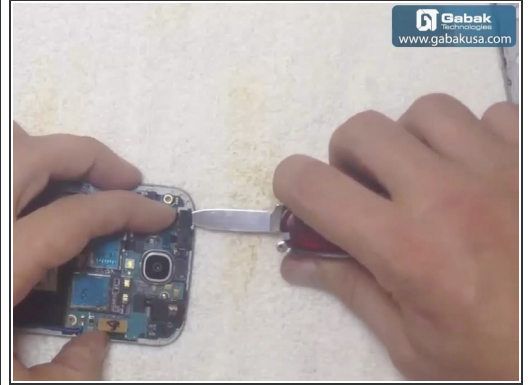
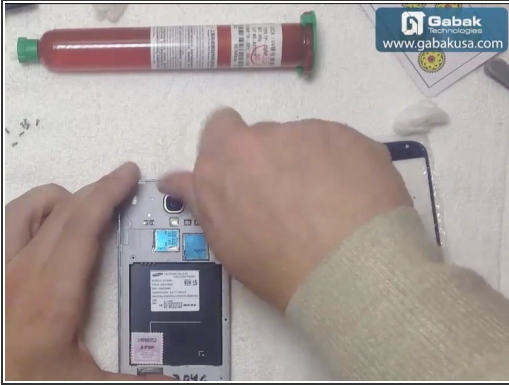
- keep heat and lift it up very slowly
- flex is on the top be careful

Step 14 — clean the whole screen with alcohol



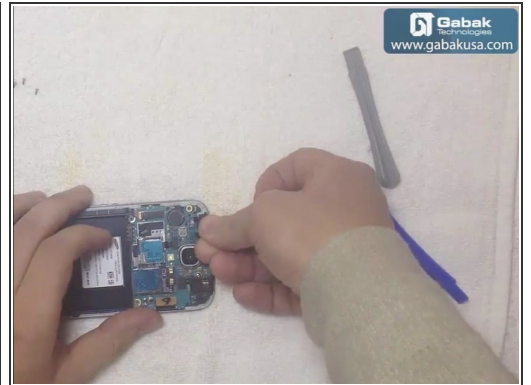
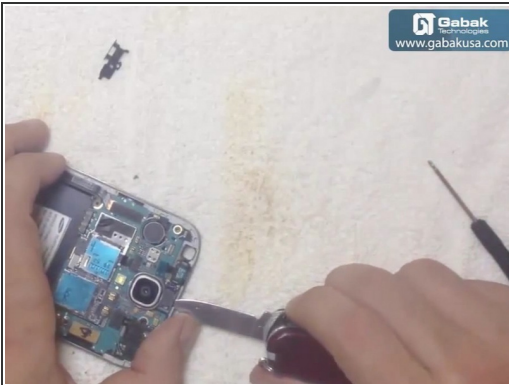
- it has to be like a mirror. Here as the picture shows
- use a cotton to clean and the plastic tool

Step 15 — removing back plastic and screws



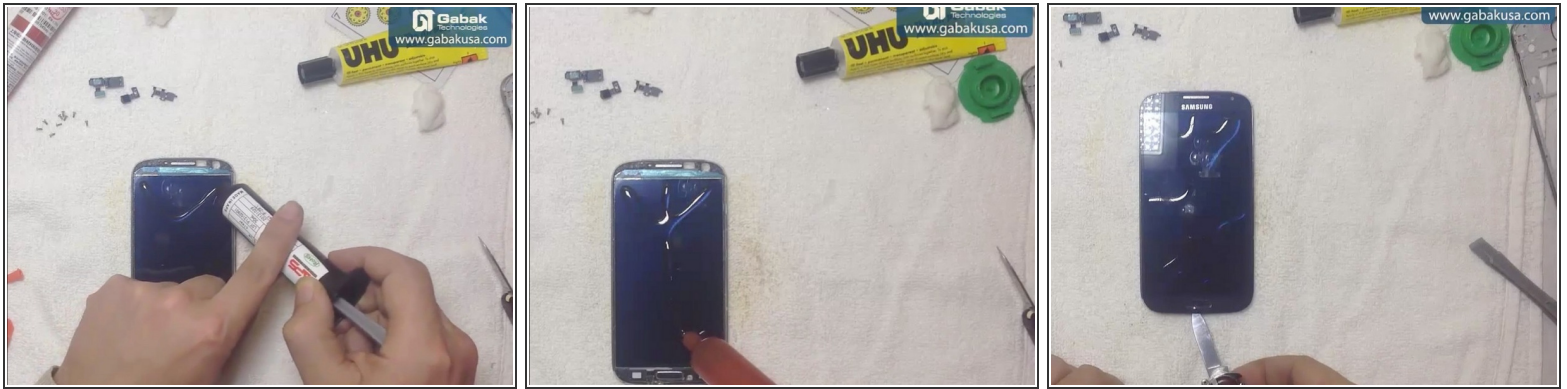
- remove all screws
- remove bezel
- remove front face camera

Step 16 — removing electronic and all related



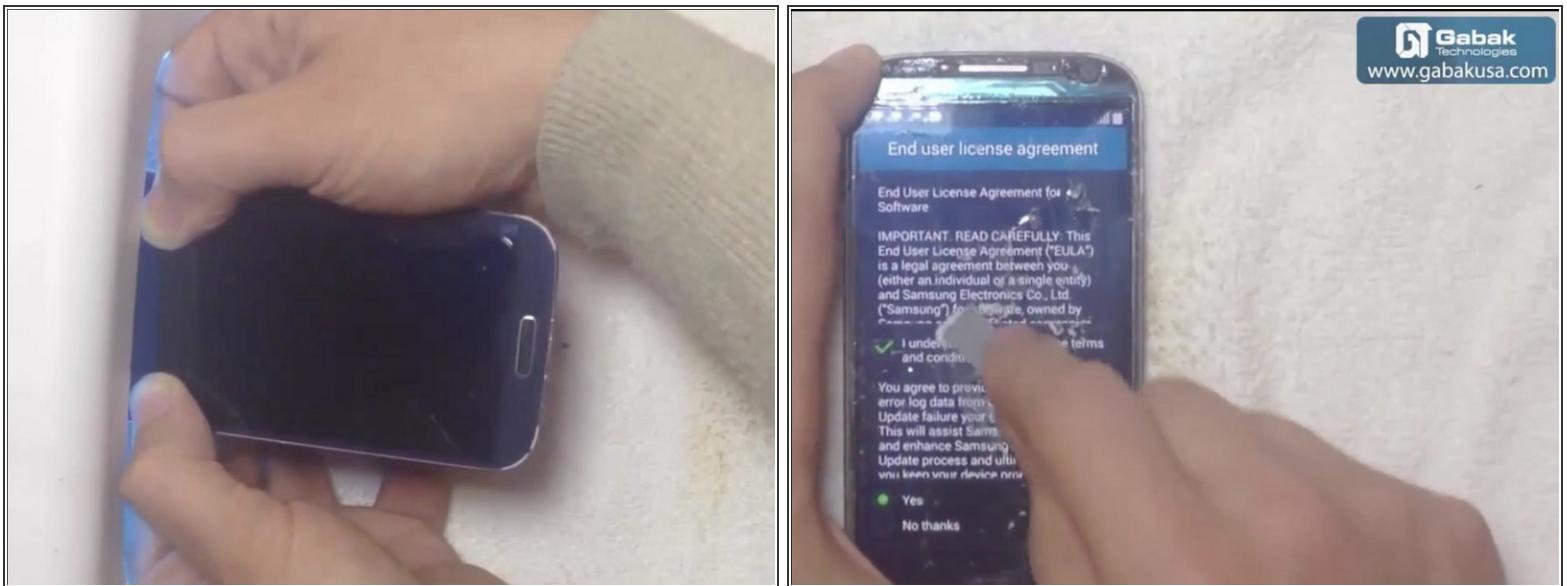
- remove screws from the logic board
- unplug everything
- leave lcd module alone

Step 17 — adding uv glue



- do it slowly and dont make bubbles
- when you put the new glass slowly too. use your knife to put it down

Step 18 — using uv light 365 nanometers wavelength or the sun



- i like this uv light instead of the sun
- you can use sun as well but i dont recommend it

Step 19 — put all the pieces back



- put logic board + frontal face camera
- bezel back
- put all the screws.
- turn it on
- enjoy!!

To reassemble your device, follow these instructions in reverse order.

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